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L5 ANSWER 56 OF 72 CA COPYRIGHT 2001 ACS

AN 107:160408 CA

TI Raw mixture for producing lightweight concrete

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SO U.S.S.R.

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DT Patent

LA Russian

IC ICM C04B038-02

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CC 58-2 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>SU 1320200</u>	A1	19870630	SU 1985-3981955	19851008
AB	For increased strength and accelerated hardening at neg. temps., the raw mix contains unhydrated Na silicate (with SiO2 modulus 1.2-1.6) 0.5-3 as alk. additive and Al sulfate 0.2-1.5, in addn. to <u>slag</u> portland cement 18-35, coal ash 18-22, granulated blast-furnace slag 28-42, Na secondary alkyl sulfate 0.02-0.3, and Al powder 0.005-0.03 wt.%. ST sodium silicate lightwt concrete strength; aluminum sulfate lightwt concrete strength IT Ashes (residues) (coal, in lightwt. concrete, with aluminum sulfate and sodium silicate for increased strength and accelerated hardening at				